

<400> 189

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ctaggggaaga cttttaaagt ttgtaaaact aagcatagct cttaaact gaagttaaag 60
acatgattgg aatgtgcaag tggttcagta tccaaatatt gaagggtgca gaatatgggc 120
tactgtgcaa acgagtaact ttatctatat tttcacaaga tcatacaatg ggaaacgtga 180
gataacaact gcatcgggtga accagaatag ttataaaagt tcttgcaagt aaaggggtgaa 240
taattgcatg gtgtgaatta agaatgacca tgtagagctg ctatacagac ttctcaagggt 300
tttatatttg aggagtgcgc gctattgatg ttgtgcaaaa atttcagaaa ttaattctgc 360
ggcatttatac aagggtgttt gagccattta aatagcaagt ttttgtttct ccagtacttt 420
caggaaagca ggtagacga taaaatgcat cttcccaatt tactatattt ctgtttttaa 480
agattctctc aatgtcctta gcacgtggct ttcattattg ggaccaatga agatgtgtag 540
cagaggcatt acgttatgga atctctcacc aagaacactg ttttgggctt tagatagctc 600
ctagttataa atgctccagt gacaaacaca tctaagttt ggggcaatta atgacgcctt 660
ttggtcattc tcctttgggt ttcaggcacg gtcac 695

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<210> 190

<211> 144

<212> DNA

<213> Pinus taeda

<400> 190

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tcccttttagt gagggttaat agatctatag tgtcacctaa atcgcgggcg ctctagaaca 60
gtggatccgc aagcaggata gacggcatat gcattggatg ctgagaattc gatatcaact 120
tatcgatacc gtcgacctcg aggg 144

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<210> 191

<211> 185

<212> DNA

<213> Pinus taeda

<400> 191

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ggtgcgatcc taaacatgca agctttgagt ttgtaaacttt gtagaagtgg acatttctaa 60
ggttgatgta caaatctact gttggttgta ttgtcatccc ataaacaact gtttgatgag 120
atgttttttt aaaaaccaca tcataatatt tttaggcctt gtaaaaaaaaa aaaaaaaaaa 180
aaaaa 185

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<210> 192

<211> 167

<212> DNA

<213> Pinus taeda

<400> 192

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attccaaact tttctttcaa gatgtacacc aacatcattg tccccaaact agtagacttg 60
acttttcacc aggtccaaag agaggggtgg tggaagcaga tttcaggctt tcgaataagt 120
atcaatgata taagcatcat ccccttgcca attgttctgg atcgcac 167

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<210> 193

<211> 167

<212> DNA

<213> Pinus taeda

<400> 193

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ggtgcgatcc catcaggggt tgtgtttcta agaatcactt ccatgtttca aattcagcac 60
ttgatcttgt acatacccaa tttgttgctt gctactagct agtattgtct ttcagtttga 120

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accattttttt tgagtaaattc gtgttttagtc tttggcaaaa aaaaaaa

167

<210> 194

<211> 470

<212> DNA

<213> Pinus taeda

<400> 194

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ggtgcatcc gcattagaga agcatacagg aaaaagaagt acctgcctct tgatttgccg 60
ccaagaagac tcgtgctatc aggcgacgcc ttaccaagca tcaggcatca ttgaagacga 120
gagacagaaa aagaaagaga tgtattttcc aatgagaaag tatgcagtca aggtgtaagc 180
cacaggattt gagctttcat gcaatttttt tgttacttgc gggatgatat tgcctatata 240
tttcgcgtcc cgtttttggc aaattccgat ttgcatcaga attcaagtta tgatagtgtt 300
ctttcgcttt tgagcagttg atattgttta tcttttattt ctcttgaatt gcaacatatt 360
ctaattgcaat gagggtgatta ttatattgtg gtatttccat gttgaactca tataaatgag 420
cgtaatttga gtggtagcgc taggatattt acacttggca aaaaaaaaaa 470
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<210> 195

<211> 289

<212> DNA

<213> Pinus taeda

<400> 195

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ggtgcatcc gtataggtag tttggatgat gaacgggcaa agaaggcaaa ggagtacagg 60
atggatcctg taattcctgt ttcagaaaac agaaaatctg caatataagg atggctaact 120
tttcagctat gaaaatataat ggtgcagtgg cactcatatc agttgcagag ttgtcaaata 180
acttttgtga ataggaaagt tgtcctcttt tagagtgcag aaatcctgca atataagatg 240
gctaagtttt tcagctatat gaaaatataat ggtgcagcaa aaaaaaaaaa 289
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<210> 196

<211> 321

<212> DNA

<213> Pinus taeda

<400> 196

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ggtgcatcc catatacaat tacatatatt ttcaacaatt cttttgttgt tatgaaaatc 60
tattgaaata aattgaaata gtttgcatac tttatttatc ggaattcgta tttatatatt 120
aaattttctga tgtctcaaat ccttcgttac tgtaacgata tcattaatat aatgtgtctg 180
caagtttatt gggcaaaaaca aaatttattt ttcggtcaca tcataagttt atttttggtc 240
acatcatatg caccatcaca ttaagcataa gcatatacag tagcgtaaaa atacaattat 300
tgttgttgac taggatcgca c 321
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<210> 197

<211> 188

<212> DNA

<213> Pinus taeda

<400> 197

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ggtgcatcc tagtcaacaa caataatatg tattttttac ctactgtata tgcttatgct 60
aatgtgatgg tgcatatgat gtgacaaaaa aataaactta tgatgtgacc gaaaaataat 120
tttgttttgt ccaattagac ttgctgtata tgtctggagt cctacccttg aaaattgact 180
tgtttccc 188
```

<210> 198
 <211> 145
 <212> DNA
 <213> Pinus taeda

<400> 198
 ggtgcatcc catatacaat tacttatatt ttcaacaatt cttttgttgt tatgaaaatc 60
 tattgaaata aattgaaata gtttgcata tttatttatac ggaattcgta tttatatatt 120
 aaatttctga tgtctcaaat ccttc 145

<210> 199
 <211> 151
 <212> DNA
 <213> Pinus taeda

<400> 199
 ccactgcacc atatattttc atatagctga aaaacttagc catccttata ttgcagattt 60
 ctgttttctg aaacaggaat tacaggatcc atcactgtac tcctttgcct tctttgccgt 120
 tcatcatcca aactacctat acggatcgca c 151

<210> 200
 <211> 254
 <212> DNA
 <213> Pinus taeda

<400> 200
 agagccttct tgcagacaat ccgtgaaaac atggctatac aataaaaatt cccagtttga 60
 attctaaaga aaactgttca atatttgaag gcctctgata tcacagagac tgatattaaa 120
 tggaaattca tacaatgag gagagcatgt agcaacacta gaagctttgg cataaagcac 180
 cagataaatt cataagaact aaatccataa gaaggatctc tcgttcacca gtcacaatca 240
 cactcggatc gcac 254

<210> 201
 <211> 363
 <212> DNA
 <213> Pinus taeda

<400> 201
 ggtgcatcc ctggccctga taacttttgt tgcaatggaa aatgcagtac taggtgcgaa 60
 atgctaaagc ccgcccggag cgggtgcatga agtactgcaa tatttgttgt agtaaattggc 120
 tggttgtgtt cccagtggtc actatggcaa caaggacgag tgcccctgct acagagaatg 180
 aagtccgcag ccggcaagcc caagtgtccc tgatcttagc acttcagtc agtcgccact 240
 tcttttatcc tcttttttta taaaagtgc gagggccgtt ttcttgtgct tggtgccata 300
 tgtagagcgg tggctacttc tcctgtgtta ggaaatgttg cagtactaat aatagaactt 360
 ctt 363

<210> 202
 <211> 162
 <212> DNA
 <213> Pinus taeda

<400> 202
 ggtgcatcc aataaagata tactttgcaa caataatcaa aatatcatta tgcaaagttt 60
 aagatcaaaa tagaatgcaa caaaaaaatg gttgtaacat aggaaccaac aatgttgcac 120